



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4606

SERIAL NUMBER 10/070,288	FILING DATE 02/28/2002  RULE	CLASS 369	GROUP ART UNIT 2652	ATTORNEY DOCKET NO. 10873.887USWO
-----------------------------	---------------------------------------	--------------	------------------------	---

## APPLICANTS

Naoki Nakanishi, Shiga, JAPAN;

Shoichi Takasuka, Osaka, JAPAN;

Shinichi Ijima, Osaka, JAPAN; Hideyuki Nakanishi, Shiga, JAPAN;

## \*\* CONTINUING DATA \*\*\*\*\*

*ju* This application is a 371 of PCT/JP01/05822 07/04/2001

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

*ju* JAPAN 2000-203387 07/05/2000

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY JAPAN	SHEETS DRAWING 9	TOTAL CLAIMS 11	INDEPENDENT CLAIMS 1
Verified and Acknowledged	<i>Peter Vincent Agustin</i> Examiner's Signature Initials				

## ADDRESS

52835

HAMRE, SCHUMANN, MUELLER &amp; LARSON, P.C.

P.O. BOX 2902-0902

MINNEAPOLIS, MN

55402

## TITLE

Optical element with diffraction grating, semiconductor device, and optical information recording device employing the same

FILING FEE  RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )